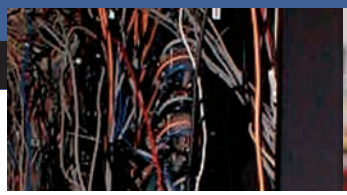
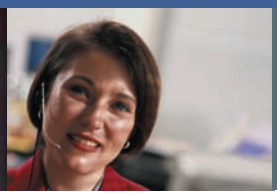
Rack Power Distribution

Rack power distribution offerings for entry-level networking equipment and high-density server and blade environments

APC®
Legendary Reliability®

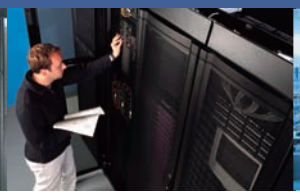


Wiring Closet/Server Rooms



IP Telephony

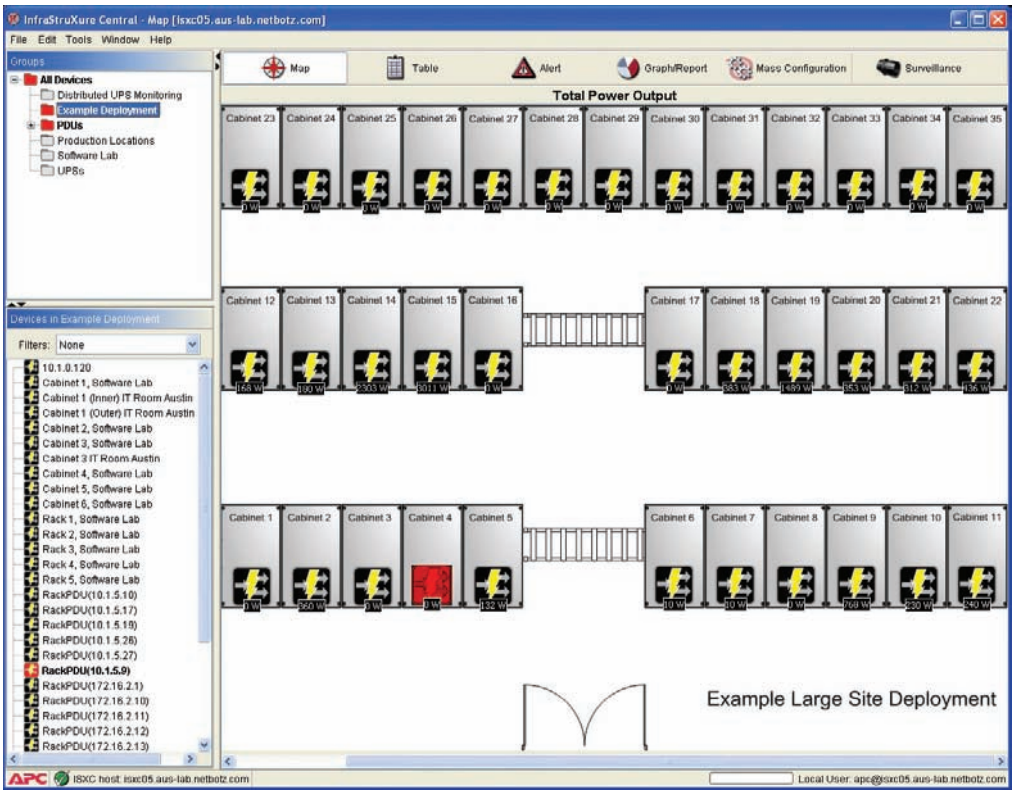
High Density



Small/Medium Data Centers

Large Data Centers

APC®
Legendary Reliability®



Rack Power Distribution management is complimented by APC's InfraStruXure Central. APC has extended the features of its InfraStruXure Central management platform to create a new management solution that allows organizations to manage and monitor their company-wide physical infrastructure devices. Powerful features such as centralized management, third-party and APC device support, and scalable architecture have all been addressed in the new merged platform, making the product a complete management solution for many customers. InfraStruXure Central is an easy-to-deploy and configure platform that enables customers to manage APC devices and monitor networked third-party devices in real time, while gaining comprehensive insight in to the status of their physical infrastructure.

System-level solutions for data centers on demand

InfraStruXure is an innovative architecture for network-critical physical infrastructure (NCPI). Using an open, building-block approach and standardized, modular components, InfraStruXure fully integrates power, cooling, and environmental management within a rack-optimized design.

InfraStruXure lets you install only what is required today, yet easily scale to meet future demands. It also increases system availability while decreasing design and install time from months to days.

InfraStruXure architecture is suitable for environments of all sizes, from wiring closets to large data centers.

InfraStruXure®
DATA CENTERS **ON DEMAND**

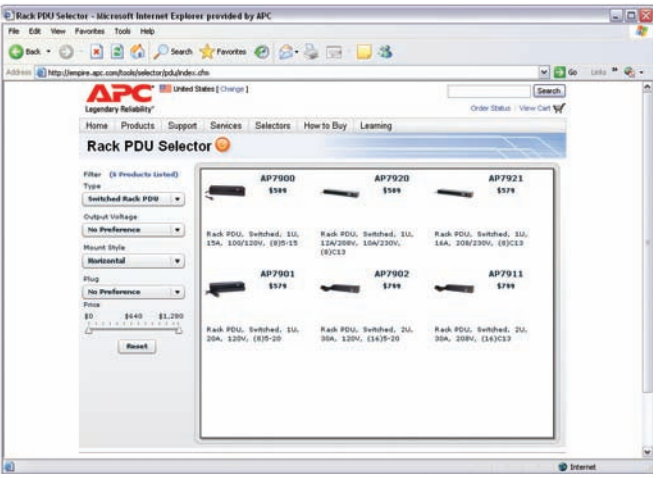
Diverse rack power distribution offerings meet the needs of entry-level networking equipment and high-density server and blade environments

It is important to ensure proper power capacity and functionality for data center equipment. The growing complexity of every environment, from wiring closets and computer rooms to data centers of all sizes, has increased the need for available power distribution at the rack level. Eliminating power management issues is essential to maintain system availability of blade servers and other high density equipment.

APC rack power distribution offerings are tailored to address multiple IT and networking applications that require different power needs. APC basic rack power distribution solutions fit in a variety of deployments. Proactive alarms from metered rack PDUs help protect critical IT components while individual outlet control from switched rack PDUs allows for remotely rebooting equipment and preventing unauthorized use of outlets.

APC also provides additional cooling solutions and security and environmental monitoring for your IT infrastructure.

Use the Rack PDU Selector to help you choose from our diverse rack power distribution offerings, designed to meet the needs of entry-level networking equipment and high-density server and blade environments.



Basic Rack PDU 2
The most mounting options in the market

Metered Rack PDU 4
The most user-friendly network interface for monitoring current

Switched Rack PDU 6
The first Rack PDU with high power density and switchable outlets

Rack Automatic Transfer Switch. 8
Provides redundant power to single corded equipment

Rack PDU Accessories 9
Cord retention brackets and vertical-mount bracket kits to complete rack power distribution solutions

Power Cords 10
Power connector options for a variety of IT equipment

Basic Rack PDU

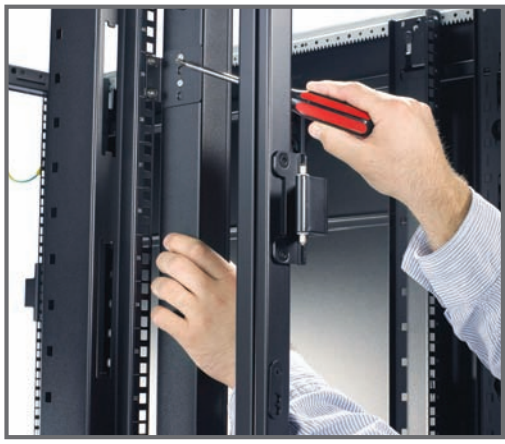
Applications:

- Low Cost Power Distribution
- Single Input Power Source
- Rack-Mountable

Power distribution for rack-mount equipment

APC offers a wide variety of Basic Rack Power Distribution Units (PDUs) that distribute power to rack-mount equipment. Horizontal and vertical units are available, as well as a variety of power inputs and outputs that fit most power environments. APC now offers Basic Rack PDUs that mount vertically, without tools, in the rear channel of the NetShelter SX.

(1.4 kW - 14.4 kW, 15A - 50A, Horizontal or Vertical Mount)



Horizontal Mount

Mount in any 19" rack or enclosure.

Single Input Power Source

Supply power from one branch whip to multiple pieces of equipment.

Vertical Mounting Capabilities

Easily mounts vertically in racks or enclosures and occupies Zero U of valuable rack space. Units that mount vertically are optimized to fit in NetShelter® SX enclosures.

Toolless Mounting Capabilities

Units do not require additional tools to mount into APC NetShelter SX, which allows users to quickly and easily mount units in the rear of the enclosure.

Features and Benefits:

Agility

- **Rack-Mountable** Includes horizontal, vertical, and toolless-mount varieties. Puts power where it is needed most - in the racks near the equipment.
- **Single input power source** Supply power from one branch whip to multiple pieces of equipment, conveniently powering rack-mount equipment. Saves time and money during installation by using one branch whip and standard connections.
- **Wide range of input and output connections** Product family includes a variety of input and output connections to distribute 120V, 208V, or 230V power to multiple outlets. Having a variety of inputs and outputs allow users to adapt to varying power requirements. APC offers units that bring up to 14.4kW using a single branch whip.

Total Cost of Ownership

- **Low Cost Power Distribution**

Description	Power Rating	Amp/ kW	Input	Output	Input	Output	SKU
Rack PDU, Basic, Zero U, 20A, 120V, (24)5-20	120V	20A	NEMA L5-20P	(24) NEMA 5-20R			AP7530
Rack PDU, Basic, Zero U, 30A, 120V, (24)5-20	120V	30A	NEMA L5-30P	(24) NEMA 5-20R			AP7532
Rack PDU, Basic, Zero U, 20A, 208V, (20)C13 & (4)C19	208V	20A	NEMA L6-20P	(20) IEC 320 C13, (4) IEC 320 C19			AP7540
Rack PDU, Basic, Zero U, 30A, 208V, (20)C13 & (4)C19	208V	30A	NEMA L6-30P	(20) IEC 320 C13, (4) IEC 320 C19			AP7541
Rack PDU, Basic, Zero U, 16A, 200/240V, (20)C13 & (4)C19; IEC C20	200/240V	16A	IEC-320 C20	(20) IEC 320 C13, (4) IEC 320 C19			AP7552
Rack PDU, Basic, Zero U, 5.7kW, 208V, (42)5-20	208V, 3-phase	5.7kW	NEMA L21-20P	(42) NEMA 5-20R			AP7562
Rack PDU, Basic, Zero U, 5.7kW, 208V, (21)5-20 & (6)L6-20	208V, 3-phase	5.7kW	NEMA L21-20P	(21) NEMA 5-20R, (6) NEMA L6-20R			AP7563
Rack PDU, Basic, Zero U, 5.7kW, 208V, (36)C13 & (6)C19	208V, 3-phase	5.7kW	NEMA L21-20P	(36) IEC 320 C13, (6) IEC 320 C19			AP7564
Rack PDU, Basic, Zero U, 5.7kW, 208V, (42)5-20	208V, 3-phase	5.7kW	NEMA L21-20P	(42) NEMA 5-20R			AP7592
Rack PDU, Basic, Zero U, 5.7kW, 208V, (21)5-20 & (6)L6-20; 10' Cord	208V, 3-phase	5.7kW	NEMA L21-20P	(21) NEMA 5-20R, (6) NEMA L6-20R			AP7593
Rack PDU, Basic, Zero U, 5.7kW, 208V, (36)C13 & (6)C19	208V, 3-phase	5.7kW	NEMA L21-20P	(36) IEC 320 C13, (6) IEC 320 C19			AP7594
Rack PDU Extender, Basic, 2U, 30A, 120/208V	120/208V	30A	NEMA L14-30P	(4) NEMA L5-20R			AP7580
Rack PDU Extender, Basic, 2U, 30A, 120/208V	120/208V	30A	NEMA L14-30P	(4) NEMA L6-20R			AP7581
Rack PDU Extender, Basic, 2U, 30A, 120/208V	120/208V	30A	NEMA L14-30P	(12) NEMA 5-20R			AP7582
Rack PDU Extender, Basic, 2U, 30A, 120/208V	120/208V	30A	NEMA L14-30P	(4) NEMA L5-30R			AP7583
Rack PDU Extender, Basic, 2U, 30A, 120/208V	120/208V	30A	NEMA L14-30P	(4) NEMA L6-30R			AP7584
Row Expander PDU, 30A, 200/208V	200/208V	30A	NEMA L6-30P	(4) NEMA L6-20R, (1) NEMA L6-30R			AP7630
Rack PDU, Basic, Zero U, 20A, 120V, (14)5-15	120V	20A	NEMA L5-20P	(14) NEMA 5-15R			AP9551
Rack PDU, Basic, 1U, 16A, 200/240V, (10)C13 & (2)C19	200/240V	16A	IEC-320 C20	(10) IEC 320 C13, (2) IEC 320 C19			AP9559
Rack PDU, Basic, 1U, 30A, 120V, (10)5-20	120V	30A	NEMA L5-30P	(10) NEMA 5-20R			AP9560
Rack PDU, Basic, 1U, 15A, 120V, (10)5-15	120V	15A	NEMA 5-15P	(10) NEMA 5-15R			AP9562
Rack PDU, Basic, 1U, 20A, 120V, (10)5-20; 5-20P	120V	20A	NEMA 5-20P	(10) NEMA 5-20R			AP9563
Rack PDU, Basic, 1U, 20A, 120V, (10)5-20; L5-20P	120V	20A	NEMA L5-20P	(10) NEMA 5-20R			AP9564
Rack PDU, Basic, 1U, 16A, 200/240V, (12)C13	200/240V	16A	IEC-320 C20	(12) IEC 320 C13			AP9565
Rack PDU, Basic, 1U, 16A, 208V, (12)C13	208V	16A	NEMA L6-20P	(12) IEC 320 C13			AP9566
Rack PDU, Basic, Zero U, 15A, 120V, (14)5-15	120V	15A	NEMA 5-15P	(14) NEMA 5-15R			AP9567
Rack PDU, Basic, Zero U, 10A, 200/240V, (15)C13	200/240V	10A	IEC-320 C14	(15) IEC 320 C13			AP9568
Rack PDU, Basic, 1U, 30A, 208V, (4)C19s	208V	30A	NEMA L6-30P	(4) IEC 320 C19			AP9570
Rack PDU, Basic, 1U, 30A, 208V, (12)C13	208V	30A	NEMA L6-30P	(12) IEC 320 C13			AP9571
Rack PDU, Basic, Zero U, 16A, 200/240V, (15)C13	200/240V	16A	IEC-320 C20	(15) IEC 320 C13			AP9572
Rack PDU, Basic, 1U, 14.4kW, 208V, (6)C19	208V, 3-phase	14.4kW	CS8365C	(6) IEC 320 C19			AP7516
Rack PDU, Basic, Zero U, 14.4kW, 208V, (6)C19 & (3)C13	208V, 3-phase	14.4kW	CS8365C	(3) IEC 320 C13, (6) IEC 320 C19			AP7567A
Rack PDU, Basic, Zero U, 12.5kW, 208V, (30)C13, (6)C19; 3' Cord	208V, 3-phase	12.5kW	CS8365C	(30) IEC 320 C13, (6) IEC 320 C19			AP7568
Rack PDU, Basic, Zero U, 14.4kW, 208V, (24)C13, (4)C19, (2)L6-30R; 3' Cord	208V, 3-phase	14.4kW	CS8365C	(2) NEMA L6-30R, (24) IEC 320 C13, (4) IEC 320 C19			AP7569
Rack PDU, Basic, Zero U, 12.5kW, 208V, (30)C13, (6)C19; 10' Cord	208V, 3-phase	12.5kW	CS8365C	(30) IEC 320 C13, (6) IEC 320 C19			AP7598
Rack PDU, Basic, Zero U, 14.4kW, 208V, (24)C13, (4)C19, (2)L6-30R; 10' Cord	208V, 3-phase	14.4kW	CS8365C	(2) NEMA L6-30R, (24) IEC 320 C13, (4) IEC 320 C19			AP7599

Metered Rack PDU

Power distribution units that monitor the aggregate power consumption of connected equipment – *The most user-friendly network interface for monitoring current*

APC Metered Rack Power Distribution Units (PDUs) provide power distribution as well as equip on-site installers with the ability to monitor the aggregate current draw as equipment is connected to the unit. These Metered Rack PDUs also have alarm thresholds that, when exceeded, alert users to potential problems. These features help eliminate the possibility of an overloaded circuit.

(1.4 kW - 14.4 kW, 15A - 50A, Horizontal or Vertical Mount)

Applications:
• Alarm Thresholds
• Local and Web-Based Monitoring
• Local Current Monitoring Display

Single Input Power Source
Supplies power from one branch whip to multiple pieces of equipment.

Vertical Mounting Capabilities
Easily mounts vertically in racks or enclosures and occupies Zero U of valuable rack space. Units that mount vertically are optimized to fit in NetShelter® SX enclosures.

Toolless Mounting Capabilities
Units do not require additional tools to mount into APC NetShelter SX, which allows users to quickly and easily mount units in the rear of the enclosure.

Local Current Monitoring Display
Provides visible warning when the current draw is close to maximum amperage.

Load Indicator LED
Indicates overload and warning conditions based on user defined alarm thresholds.

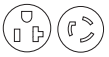
Features and Benefits:

Availability

- **Local Current Monitoring Display** The aggregate current draw per power distribution unit is displayed on the unit via a digital display. The local digital display helps installers avoid overloaded circuits by providing a visible warning when the current draw is close to the maximum amperage draw of the strip.
- **Alarm Thresholds** Define alarm thresholds in order to avoid overloaded circuits. Network and visual alarms inform the user of possible problems.
- **Load Indicator LED** Indicates overload and warning conditions based on user-defined alarm thresholds. Alerts users to potential overloaded circuits.

Agility

- **Rack-Mountable** Includes horizontal, vertical, and toolless-mount varieties. Puts power where it is needed most - in the racks near the equipment.
- **Single input power source** Supplies power from one branch whip to multiple pieces of equipment, conveniently powering rack-mount equipment. Saves time and money during installation by using one branch whip and standard connections.
- **Wide range of input and output connections** Product family includes a variety of input and output connections to distribute 120V, 208V, or 230V power to multiple outlets. Having a variety of inputs and outputs allow users to adapt to varying power requirements. APC offers units that bring up to 14.4kW using a single branch whip.

Description	Power Rating	Amp/ kW	Input	Output	Input	Output	SKU
Rack PDU, Metered, Zero U, 20A, 120V, (24)5-20	120V	20A	NEMA L5-20P	(24) NEMA 5-20R			AP7830
Rack PDU, Metered, Zero U, 15A, 120V, (16)5-15	120V	15A	NEMA 5-15P	(16) NEMA 5-15R			AP7831
Rack PDU, Metered, Zero U, 30A, 120V, (24)5-20	120V	30A	NEMA L5-30P	(24) NEMA 5-20R			AP7832
Rack PDU, Metered, Zero U, 20A, 208V, (20)C13 & (4)C19	208V	20A	NEMA L6-20P	(20) IEC 320 C13, (4) IEC 320 C19			AP7840
Rack PDU, Metered, Zero U, 30A, 208V, (20)C13 & (4)C19	208V	30A	NEMA L6-30P	(20) IEC 320 C13, (4) IEC 320 C19			AP7841
Rack PDU, Metered, Zero U, 10A, 230V, (16)C13	230V	10A	IEC-320 C14	(16) IEC 320 C13			AP7850
Rack PDU, Metered, Zero U, 5.7kW, 208V, (42)5-20	208V, 3-phase	5.7kW	NEMA L21-20P	(42) NEMA 5-20R			AP7862
Rack PDU, Metered, Zero U, 5.7kW, 208V, (21)5-20& (6)L6-20	208V, 3-phase	5.7kW	NEMA L21-20P	(21) NEMA 5-20R, (6) NEMA L6-20R			AP7863
Rack PDU, Metered, Zero U, 5.7kW, 208V, (36)C13 & (6)C19	208V, 3-phase	5.7kW	NEMA L21-20P	(36) IEC 320 C13, (6) IEC 320 C19			AP7864
Rack PDU, Metered, Zero U, 5.7kW, 208V, (42)5-20; 10′ Cord	208V, 3-phase	5.7kW	NEMA L21-20P	(42) NEMA 5-20R			AP7892
Rack PDU, Metered, Zero U, 5.7kW, 208V, (21)5-20 & (6)L6-20; 10′ Cord	208V, 3-phase	5.7kW	NEMA L21-20P	(21) NEMA 5-20R, (6) NEMA L6-20R			AP7893
Rack PDU, Metered, Zero U, 5.7kW, 208V, (36)C13 & (6)C19; 10′ Cord	208V, 3-phase	5.7kW	NEMA L21-20P	(36) IEC 320 C13, (6) IEC 320 C19			AP7894
Rack PDU, Metered, 2U, 5.7kW, 120/208V, (3)L5-20 & (3)L6-20	208V, 3-phase	5.7kW	NEMA L21-20P	(3) NEMA L5-20R, (3) NEMA L6-20R			AP7610
Rack PDU, Metered, Zero U, 14.4kW, 208V, (6)C19	208V, 3-phase	14.4kW	CS8365C	(6) IEC 320 C19			AP7867A
Rack PDU, Metered, Zero U, 12.5kW, 208V, (30)C13, (6)C19; 3′ Cord	208V, 3-phase	12.5kW	CS8365C	(30) IEC 320 C13, (6) IEC 320 C19			AP7868
Rack PDU, Metered, Zero U, 12.5kW, 208V, (30)C13, (6)C19; 10′ Cord	208V, 3-phase	12.5kW	CS8365C	(30) IEC 320 C13, (6) IEC 320 C19			AP7898
Rack PDU, Metered, Zero U, 14.4kW, 208V, (24)C13, (4)C19, (2)L6-30R; 3′ Cord	208V, 3-phase	14.4kW	CS8365C	(24) IEC 320 C13, (4) IEC 320 C19, (2) NEMA L6-30R			AP7869
Rack PDU, Metered, Zero U,14.4kW, 208V, (24)C13, (4)C19, (2)L6-30R; 10′ Cord	208V, 3-phase	14.4kW	CS8365C	(24) IEC 320 C13, (4) IEC 320 C19, (2) NEMA L6-30R			AP7899
Rack PDU, Metered, 1U, 15A, 100/120V, (8)5-15	100/120V	15A	NEMA 5-15P	(8) NEMA 5-15R			AP7800
Rack PDU, Metered, 1U, 20A, 120V, (8)5-20	120V	20A	NEMA L5-20P	(8) NEMA 5-20R			AP7801
Rack PDU, Metered, 2U, 30A, 120V, (16)5-20	120V	30A	NEMA L5-30P	(16) NEMA 5-20R			AP7802
Rack PDU, Metered, 1U, 12A, 12A/208V, 10A/230V, (8)C13	208/230V	12A	IEC-320 C14	(8) IEC 320 C13			AP7820
Rack PDU, Metered, 1U, 16A, 208/230V, (8)C13	208/230V	16A	IEC-320 C20	(8) IEC 320 C13			AP7821
Rack PDU, Metered, 2U, 30A, 208V, (12)C13s & (4)C19	208V	30A	NEMA L6-30P	(12) IEC 320 C13, (4) IEC 320 C19			AP7811

Switched Rack PDU

Applications:
• Wide Range of Input and Output Connections
• Remote Individual Outlet Control
• Power Delays

Power distribution that remotely controls power to individual outlets and monitors the aggregate power consumption – *The first Rack PDU with high power density and switchable outlets*

APC Switched Rack Power Distribution Units (PDUs) address power management problems in today's IT environment through individual outlet control, power on and off delays, current monitoring, alarm thresholds, and network management. Individual outlet control to turn outlets on, turn outlets off, or recycle power to equipment allows users to reboot locked-up equipment and avoid unauthorized use of outlets. Power delays allow users to determine the order in which equipment is powered up or down. Switched Rack PDUs provide an aggregate current draw, which can be viewed remotely or locally via digital display. In addition, alarms will be generated based on user-defined thresholds to alert users to potential circuit overloads. Users can access, configure, and control Switched Rack PDUs through Web, SNMP, or Telnet Interfaces.

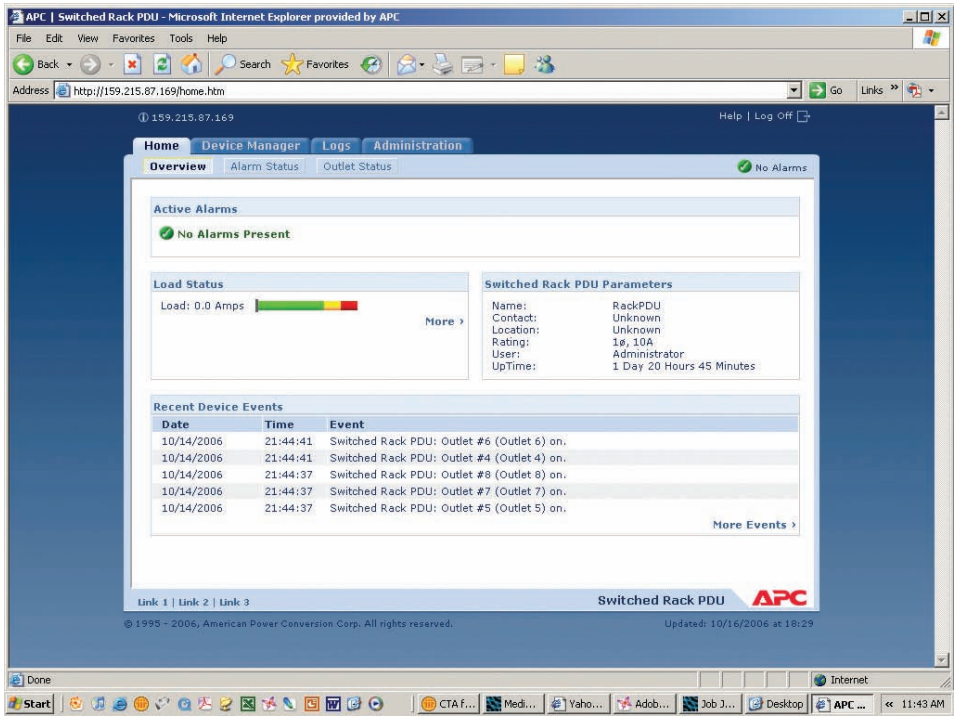
(1.4 kW - 12.5 kW, 15A - 50A, Horizontal or Vertical Mount)

Features and Benefits:

Availability

- **Local Current Monitoring Display** The aggregate current draw per power distribution unit is displayed on the unit via a digital display. The local digital display helps installers avoid overloaded circuits by providing a visible warning when the current draw is close to the maximum amperage draw of the strip. (Available on designated SKUs only)
- **Alarm Thresholds** Define alarm thresholds in order to avoid overloaded circuits. Network and visual alarms inform the user of possible problems. (Note: Only available on units with current monitoring capabilities. Please see SKU specifications for availability.)
- **Network Management** Full-featured network management interfaces provide standards-based management via Web, SNMP, and Telnet. Allows users to access, configure, and manage units from remote locations to save valuable time. Associated with this feature is the ability to quickly and easily upgrade firmware via network download to installed units for future product enhancements.
- **Remote Individual Outlet Control** Remotely turn off outlets that are not in use (prevent overloads) or recycle power to locked-up equipment (minimize costly downtime and avoid travel time to equipment).
- **Power Delays** Allows users to configure the sequence in which power is turned on or off for each outlet. This helps avoid in-rushes at start-up, which can cause overloaded circuits and dropped loads. Sequencing also allows users to predetermine which piece of equipment is turned on first so other equipment dependant on that unit will function properly.
- **InfraStruXure Manager compatible** Enables centralized management via the APC InfraStruXure® Manager. Load Indicator LED indicates overload and warning conditions based on the user-defined alarm thresholds. Alerts users of potential overloaded circuits.

Description	Power Rating	Amp/ kW	Input	Output	Input	Output	SKU
Rack PDU, Switched, 1U, 15A, 100/120V, (8)5-15	100/120V	15A	NEMA 5-15P	(8) NEMA 5-15R			AP7900
Rack PDU, Switched, 1U, 20A, 120V, (8)5-20	120V	20A	NEMA L5-20P	(8) NEMA 5-20R			AP7901
Rack PDU, Switched, 2U, 30A, 120V, (16)5-20	120V	30A	NEMA L5-30P	(16) NEMA 5-20R			AP7902
Rack PDU, Switched, 2U, 30A, 208V, (16)C13	208V	30A	NEMA L6-30P	(16) IEC 320 C13			AP7911
Rack PDU, Switched, 1U, 12A, 200/240V, (8)C13	200/240V	12A	IEC-320 C14	(8) IEC 320 C13			AP7920
Rack PDU, Switched, 1U, 16A, 200/240V, (8)C13	200/240V	16A	IEC-320 C20	(8) IEC 320 C13			AP7921
Rack PDU, Switched, Zero U, 20A, 120V, (24)5-20	120V	20A	NEMA L5-20P	(24) NEMA 5-20R			AP7930
Rack PDU, Switched, Zero U, 15A, 120V, (16)5-15	120V	15A	NEMA 5-15P	(16) NEMA 5-15R			AP7931
Rack PDU, Switched, Zero U, 20A, 208V, (21)C13 & (3)C19	208V	20A	NEMA L6-20P	(21) IEC 320 C13, (3) IEC 320 C19			AP7940
Rack PDU, Switched, Zero U, 5.7kW, 208V, (24)5-20	208V, 3-phase	5.7kW	NEMA L21-20P	(24) NEMA 5-20R			AP7960
Rack PDU, Switched, Zero U, 5.7kW, 208V, (21)C13 & (3)C19	208V, 3-phase	5.7kW	NEMA L21-20P	(21) IEC 320 C13, (3) IEC 320 C19			AP7961
Rack PDU, Switched, Zero U, 5.7kW, 208V, (24)5-20	208V, 3-phase	5.7kW	NEMA L21-20P	(24) NEMA 5-20R			AP7990
Rack PDU, Switched, Zero U, 5.7kW, 208V, (21)C13 & (3)C19	208V, 3-phase	5.7kW	NEMA L21-20P	(21) IEC 320 C13, (3) IEC 320 C19			AP7991
Rack PDU, Switched, Zero U, 30A, 120V, (24)5-20	120V	30A	NEMA L5-30P	(24) NEMA 5-20R			AP7932
Rack PDU, Switched, Zero U, 30A, 200/240V, (21)C13 & (3)C19	200/240V	30A	NEMA L6-30P	(21) IEC 320 C13, (3) IEC 320 C19			AP7941
Rack PDU, Switched, Zero U,12.5kW, 208V, (21)C13 & (3)C19; 3′ Cord	208V, 3-phase	12.5kW	CS8365C	(21) IEC 320 C13, (3) IEC 320 C19			AP7968
Rack PDU, Switched, Zero U, 12.5kW, 208V, (21)C13 & (3)C19; 10′ Cord	208V, 3-phase	12.5kW	CS8365C	(21) IEC 320 C13, (3) IEC 320 C19			AP7998



Network Management

Access, configure and manage via Web, SNMP, Telnet or InfraStruXure Manager.

InfraStruXure® Manager Compatible

Enables centralized management via APC InfraStruXure Manager.

Remote Individual Outlet Control

Turn outlets off that are not in use or recycle power to locked-up equipment.

Rack Automatic Transfer Switch

Applications:

- Monitor voltage and frequency
- Switch when voltage or frequency are out of range
- Manually or remotely switch unit

Provides redundant power to single-corded equipment

The APC Rack Automatic Transfer Switch (ATS), also known as the Redundant Switch, is a high availability switch that has two input power cords, one for each AC line, which provide redundant power to connected equipment. The Rack ATS is designed to supply power to the connected load from a primary AC source. If that primary source becomes unavailable for whatever reason, the Rack ATS will automatically begin sourcing power from the secondary source. The transfer time from one source to the other is seamless to the connected equipment. The Networked units have built-in network connectivity, which allows for remote management via Web, SNMP, or Telnet interfaces.

(1.4 kW - 5.7 kW, 15A - 30A, Networked and Non-networked)

Features and Benefits:

Agility

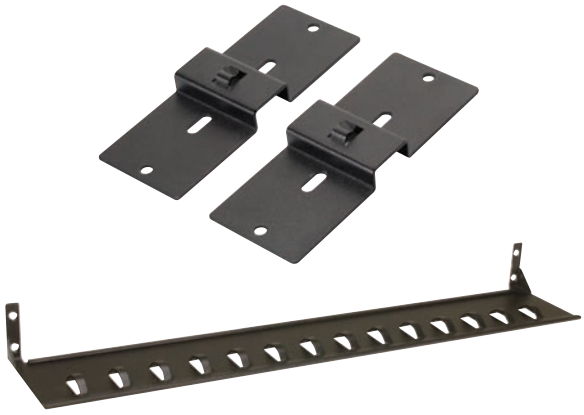
- **Rack-Mountable** Occupys only 1U of valuable rack space. Puts the power where it is needed most - in the rack near the equipment.
- **Wide range of input and output connections** Product family includes a variety of input and output connections to distribute 120V, 208V, or 230V power to multiple outlets. Having a variety of inputs and outputs allow users to adapt to varying power requirements. APC offers units that bring up to 14.4kW using a single branch whip.

Availability

- **Network Management** Full-featured network management interfaces that provide standards-based management via Web, SNMP, and Telnet. Allows users to access, configure, and manage units from remote locations to save valuable time. Associated with this feature is the ability to quickly and easily upgrade the firmware via network download to installed units for future product enhancements. (Note: Only applicable for units categorized as Networked).
- **Dual Input Power Sources** Supplies redundant AC power to connected equipment. Two AC lines power the unit and if the primary AC power fails, the unit will automatically switch to the alternative power source.
- **Information Displays** Indicates the status of the AC sources powering the units, as well as indicates which source is set as the primary source and which source is currently supplying power to the load. This provides a visual depiction of the power flow from the input to the load. This allows the user to quickly glance at the power flow and status of the input sources without connecting to the unit. (Note: The non-Networked units only supply status information and do not have a visual depiction of the power flow.)

Description	Power Rating	Amp/ kW	Input	Output	Input	Output	SKU
Rack ATS, 30A, 120V, (2)L5-30 in, (6)5-20	120V	30A	(2) NEMA L5-30P	(6) NEMA 5-20R			SU042-4
Rack ATS, 12A, 208V, 10A/230V, (2)C14 in, (2)C13	230V	10A	(2) IEC-320 C14	(2) IEC 320 C13, (2) IEC Jumpers			SU043
Rack ATS, 16A/208V, 16A/230V, (2)C20 in, (2)C13 & (1)C19	230V	16A	(2) IEC-320 C20	(2) IEC 320 C13, (3) IEC Jumpers, (1) IEC 320 C19			SU044-1
Rack ATS, 20A, 208V, (2)L6-20 in, (1)L6-20	208V	20A	(2) NEMA L6-20P	(1) NEMA L6-20R			SU045-1
Rack ATS, 20A, 100/120V, (2)L5-20 in, (1)L5-20	100/120V	20A	(2) NEMA L5-20P	(1) NEMA L5-20R			SU042X163
Rack ATS, 30A, 200/208V, (2)L6-30 in, (1)L6-30	200/208V	30A	(2) NEMA L6-30P	(1) NEMA L6-30R			SU045X163
Rack ATS, 5.7kW, 100/120V, (2)L21-20 in, (1)L21-20	208V, 3-phase	5.7kW	(2) NEMA L21-20P	(1) NEMA L21-20			AP7701
Rack ATS, 15A, 100/120V, (2)5-15 in, (8)5-15	100/120V	15A	(2) NEMA 5-15P	(8) NEMA 5-15R			AP7750

Rack PDU Accessories



Cord retention brackets and vertical-mount bracket kits to complete rack power distribution solutions

APC Rack PDU Accessories contain bracket kits specifically designed to mount many of the APC vertical Rack Power Distribution Units (PDUs) into third party racks or enclosures as well as a cord retention bracket to help retain power cord connection to the Rack PDUs. Specially designated SKUs in the Basic, Metered, and Switched Rack PDUs can utilize these bracket kits. See features list to see if your Rack PDU is compatible with these brackets. See model names for rack vendor compatibility.

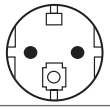
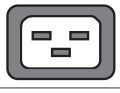
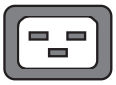
Description	SKU Compatibility	SKU
Bracket Kit, Zero U PDU, Compaq/Dell	Fits on most vertical PDUs except AP9551, AP9567, AP9568, and AP9572	AP7400
Bracket Kit, Zero U PDU, Wrightline Paramount	Fits on most vertical PDUs except AP9551, AP9567, AP9568, and AP9572	AP7401
Bracket Kit, Zero U PDU, IBM NetBay	Fits on most vertical PDUs except AP9551, AP9567, AP9568, and AP9572	AP7402
Bracket Kit, Zero U PDU, Ladder Rack	Fits on most vertical PDUs except AP9551, AP9567, AP9568, and AP9572	AP7403
Bracket Kit, Zero U PDU, Sun Rack 900	Fits on most vertical PDUs except AP9551, AP9567, AP9568, and AP9572	AP7404
Bracket Kit, Zero U PDU, Toolless, APC Side Mount	Fits on most vertical PDUs except AP9551, AP9567, AP9568, and AP9572	AP7405
Cord Retention Bracket for Basic Rack PDUs	Fits on all horizontal basic PDUs	AP9569
Bracket Kit, PDU, Horizontal to Vertical Mount	Mount any horizontal PDU vertically into an SX rack	AR8417

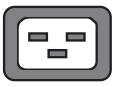
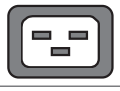
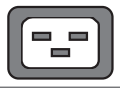
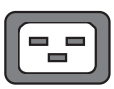
Description	Power Rating	AMP	Input	Output	Input	Output	SKU & UPS
MasterSwitch plus, 1U, 15A, 120V, (8)5-15	120V	15A	NEMA 5-15P	(8) NEMA 5-15R			AP9225
MasterSwitch plus exp, 1U, 15A, 120V, (8)5-15	120V	15A	NEMA 5-15P	(8) NEMA 5-15R			AP9225EXP

Power Cords

Power connector options for a variety of IT equipment

APC offers power cords (also known as jumper cords), which provide connector options to fulfill a variety of power requirements. Use these power cords to connect your equipment to an APC Rack-Mount power distribution unit (PDU)/outlet strip, MasterSwitch product, Automatic Transfer Switch (ATS), or UPS. These power cords can also be used to connect your APC Rack-Mount (PDU)/Outlet Strip to a power source, such as an APC UPS, ATS, or separate branch circuit.

Description	Model	Input	Output	Input	Output	SKU
Pwr Cord, 100-230V, C13 to C14		IEC-320 C14	IEC-320 C13			AP9870
Pwr Cord, 200-240V, C19 to L6-20		NEMA L6-20P	IEC 320 C19			AP9871
Pwr Cord, 100-120V, C19 to 5-15		NEMA 5-15P	IEC 320 C19			AP9872
Pwr Cord, 100-120V, C19 to 5-20		NEMA 5-20P	IEC 320 C19			AP9873
Pwr Cord, 100-120V, C19 to L5-20		NEMA L5-20P	IEC 320 C19			AP9874
Pwr Cord, 230V, C19 to Schuko		Schuko CEE 77 EU1-16P	IEC 320 C19			AP9875
Pwr Cord, 230V, C19 to IEC 309		IEC-309 16A	IEC 320 C19			AP9876
Pwr Cord, 100-230V, C19 to C20		IEC-320 C20	IEC 320 C19			AP9877
Pwr Cord, 100-230V, C14 to C19		IEC-320 C14	IEC 320 C19			AP9878
Pwr Cord, 100-230V, C13 to C20		IEC-320 C20	IEC 320 C13			AP9879

Description	Model	Input	Output	Input	Output	SKU
Adapter, 120V, L21-20 to (3)5-20		NEMA L21-20P	(3) NEMA 5-20R			AP9882
Adapter, 120V, L21-20 to (3)L5-20		NEMA L21-20P	(3) NEMA L5-20R			AP9883
Adapter, 208V, L21-20 to (3)L6-20		NEMA L21-20P	(3) NEMA L6-20R			AP9884
Pwr Cord, 100-120V, L5-20 to L5-20		NEMA L5-20P	NEMA L5-20R			AP9885
Pwr Cord, 208V, L6-20 to L6-20		NEMA L6-20P	NEMA L6-20R			AP9886
Pwr Cord Kit, 100-230V, 2', (5)C13 to C14		IEC-320 C14	IEC 320 C13			AP9890
Pwr Cord Kit, 120V, 2', (5)C13 to 5-15P		NEMA 5-15P	IEC 320 C13			AP9891
Pwr Cord, 100-230V, 2', C19 to C20		IEC-320 C20	IEC 320 C19			AP9892
Pwr Cord, 120V, C13 to 5-15P		NEMA 5-15P	IEC 320 C13			AP9893
Pwr Cord, 120V, C13 to L5-15P		IEC 320 C13	NEMA L5-15P			AP9894
Pwr Cord, 208V, Russell Stoll 3913 to L6-20		NEMA L6-20P	IEC 309			SU052-1
Pwr Cord, 208V, Russell Stoll 3933 to L6-30		NEMA L6-30P	IEC 309			SU052-2
Pwr Cord, 208V, (2)C19 to C20		IEC-320 C20	(2) IEC 320 C19			AP9898
Pwr Cord, 208V, Y-(2) C13 TO C20, 1 FT		IEC-320 C20	IEC 320 C13			AP9888
Pwr Cord, 230V, C20 to IEC 309F		IEC-320 C20	IEC 309-16A			AP9899

Since 1981, APC has been a global leader in power availability solutions, setting the industry standard for quality, innovation, and support. From its corporate headquarters in West Kingston, Rhode Island, APC operates sales offices throughout the world and manufacturing facilities on four continents and distribution facilities on five continents. APC ships products to over 150 countries.

Over 15 million satisfied customers worldwide depend on APC Legendary Reliability™. Propelled by real-world experience and a drive towards technological innovation, APC has the experience, scale, global presence, and stability to respond to emerging IT availability needs.

As the recipient of hundreds of awards worldwide, APC is recognized for excellence in both its business and product performance. Every year since 1999, APC has been named to the Forbes Platinum 400 list of the Best Big Companies in America. For 11 years in a row, APC has received the Channel Champion award in the UPS category.

APC's quality system is certified by ISO 9002 standards

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